

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number
WO 2004/056303 A1

(51) International Patent Classification⁷: **A61H 31/00**

(21) International Application Number:
PCT/NO2003/000435

(22) International Filing Date:
22 December 2003 (22.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20026218 23 December 2002 (23.12.2002) NO

(71) Applicant (for all designated States except US):
LAERDAL MEDICAL AS [NO/NO]; P.O. Box 377,
N-4002 Stavanger (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FOSSAN, Helge
[NO/NO]; Godalstunet 8, N-4015 Stavanger (NO).
EGELANDSDAL, Einar [NO/NO]; Ulsberghagen
7, N-4033 Stavanger (NO). MYKLEBUST, Helge
[NO/NO]; Solandsbakken 47, N-4025 Stavanger (NO).
MORALLEE, Kenneth, G. [GB/GB]; 2A Sutherland
Avenue, Orpington, Kent BR5 1QZ (GB).

(74) Agent: PROTECTOR IP CONSULTANTS AS; P.O.
Box 5074 Majorstuen, N-0301 Oslo (NO).

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), DE (utility model), DK (utility model), DM, DZ, EC, EE (utility model), EG, ES, FI (utility model), FL, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

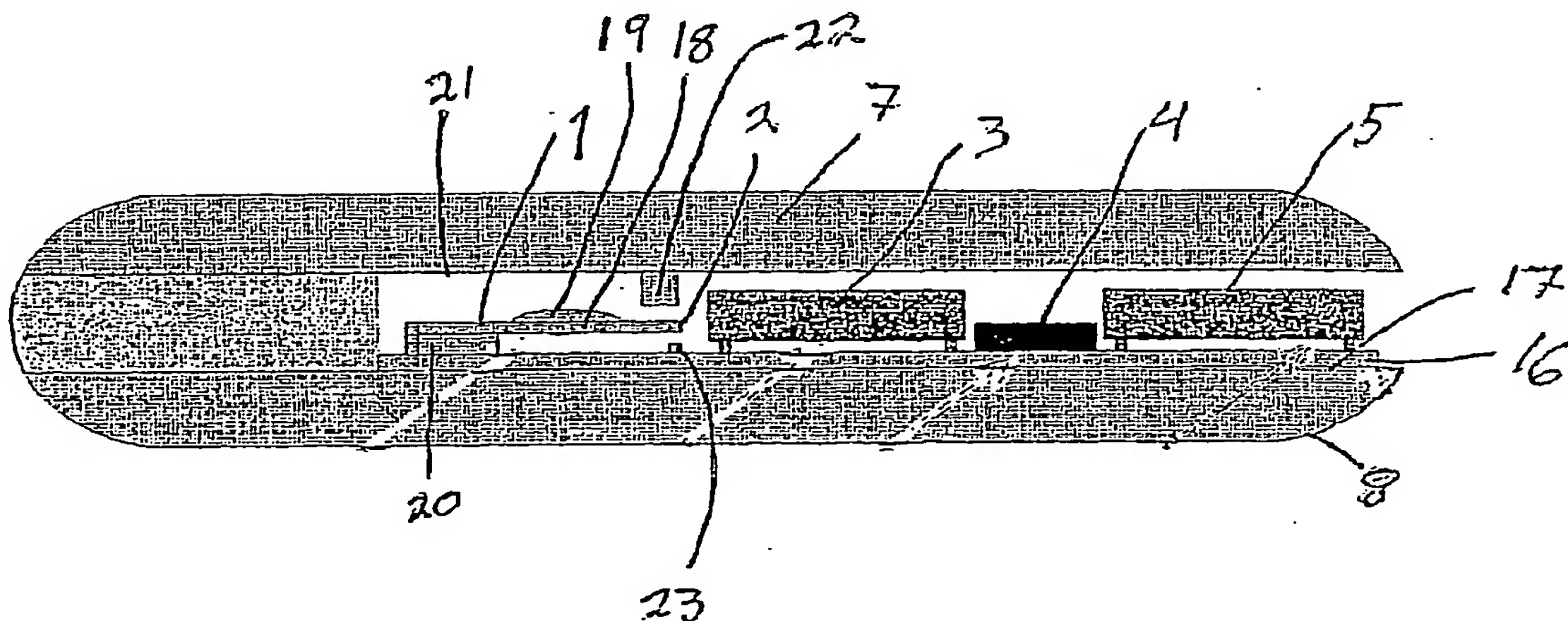
(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM.

[Continued on next page]

(54) Title: A DEVICE FOR PLACEMENT BETWEEN THE HANDS OF A PERSON PERFORMING CHEST COMPRESSION AND THE CHEST OF A PATIENT



(57) Abstract: Device to be used during chest compression in connection with CPR or for training, and more particular, a device for placement between the hands of a person performing CPR and the chest of a patient or manikin. The device is adapted to emit a sound when the chest compression is performed with a force that exceeds a predetermined value and optionally also emit a sound indication the intended frequency of the chest compression. Different mechanical and electronic embodiments are described, these includes an automatic switch that turns the electronic circuit on when the device is compressed and an embodiment having different predetermined forces depending on which side of the device is facing upwards.

BEST AVAILABLE COPY